RIC 2004



(Session W3)

Regulatory Trends

Jim Dyer, Director Office of Nuclear Reactor Regulation March 10, 2004

Overview

- NRC Performance Goals
- NRC Performance Measures
- NRC Performance Results
- Industry Performance Measures and Results

NRC Performance Goals

For Fiscal Year 2003:

- Maintain safety and protect the environment
- Increase public confidence
- Make NRC activities and decisions more effective, efficient and realistic
- Reduce unnecessary regulatory burden on stakeholders

Measures to maintain safety and protect the environment

- Industry trends in safety performance
- Events identified as significant precursors of nuclear accidents
- Radiation overexposures that exceed applicable regulatory limits
- Releases from nuclear reactors that exceed the regulatory limits
- Physical security breakdowns

Measures to increase public confidence

- Milestones relating to information for measuring public confidence
- Public outreaches
- Agency allegation program effectiveness assessment plan
- Issue Directors Decisions under 2.206 within an average of 120 days

Measures to make NRC activities and decisions more effective, efficient and realistic

- Milestones in Risk-Informed Regulation Implementation Plan
- Complete at least two key process improvements per year
- Complete all license renewal application reviews within 30 months

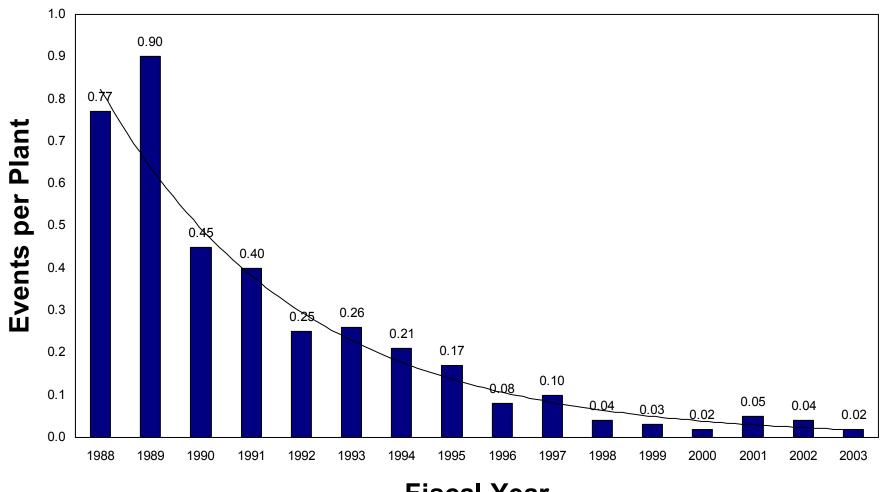
Measures to reduce unnecessary regulatory burden on stakeholders

- Specific milestones to reduce unnecessary regulatory burden
 - Identify activities with greatest impact

Performance Results

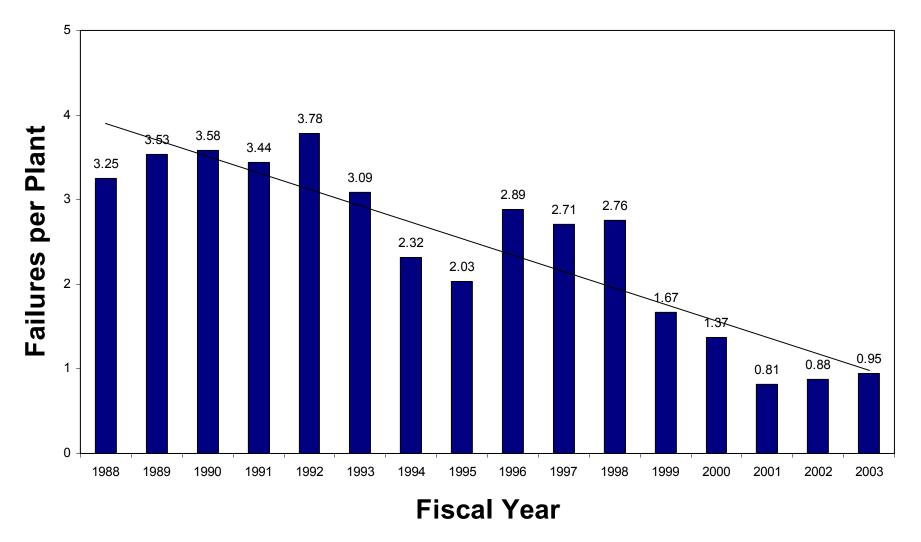
All NRC reactor safety arena performance measure targets were met in FY 2003.

Significant Events

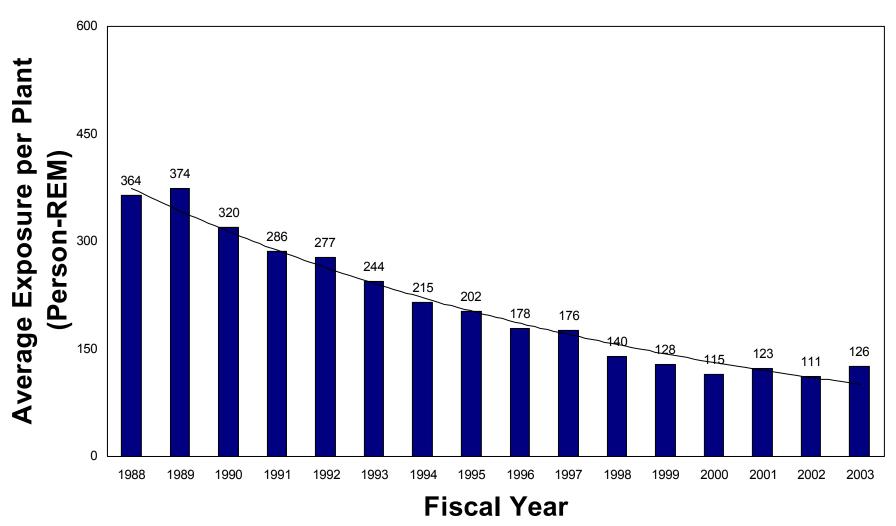


Fiscal Year

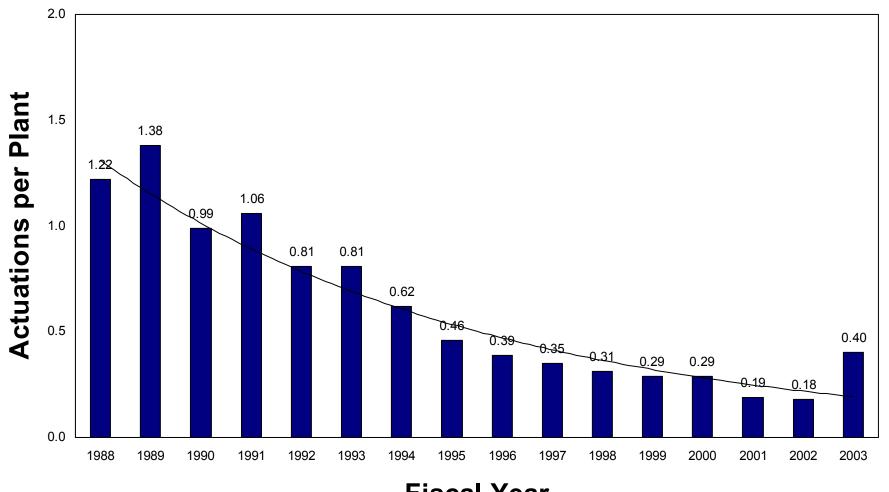
Safety System Failures



Collective Radiation Exposure

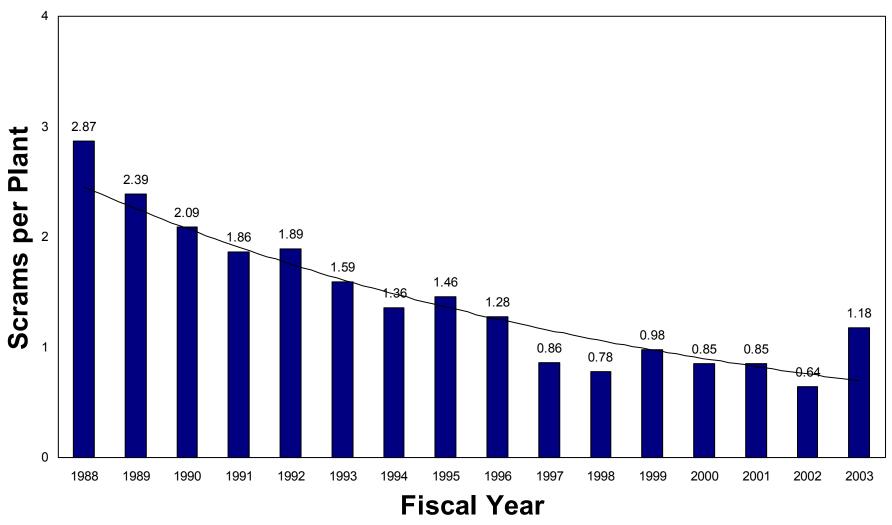


Safety System Actuations

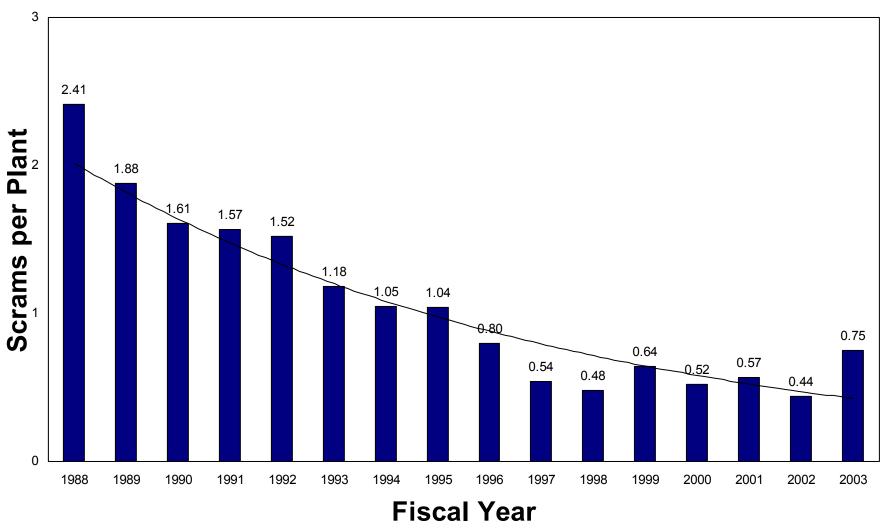


Fiscal Year

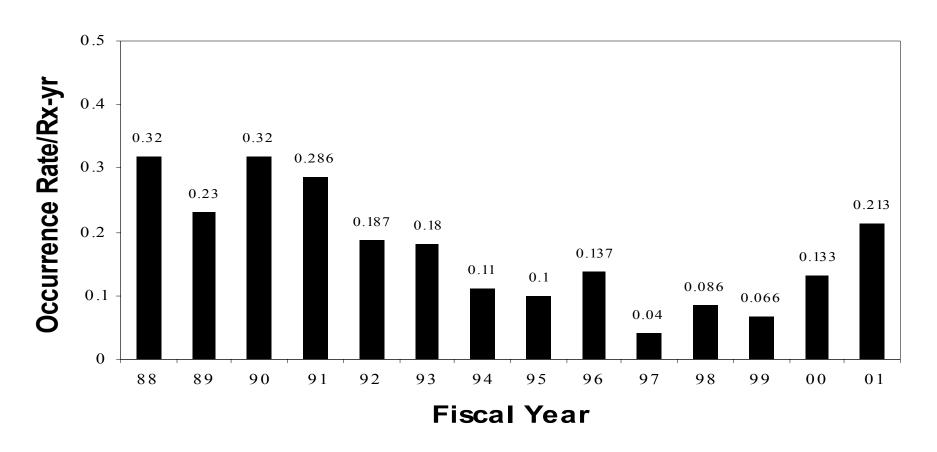
Total Scrams While Critical



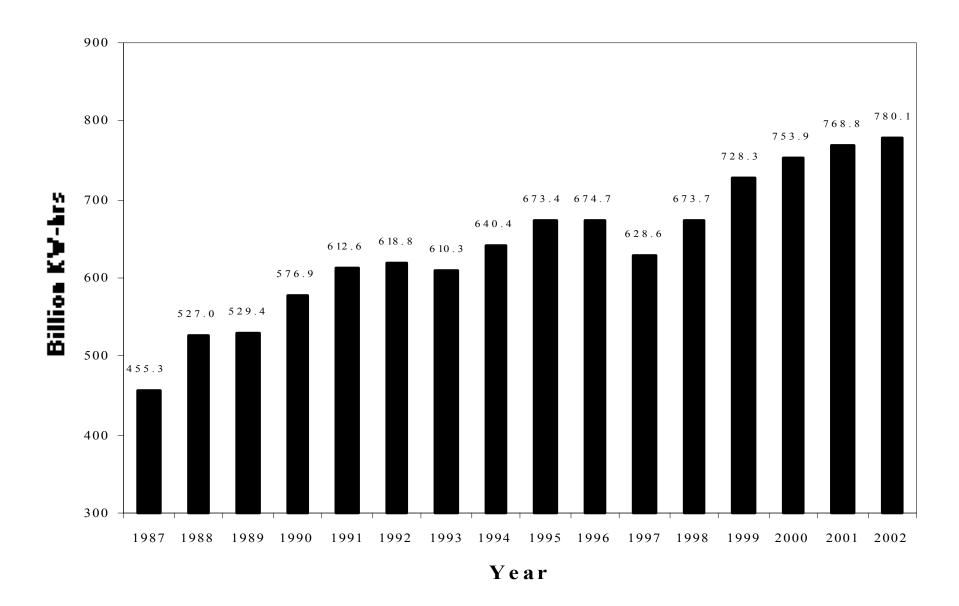
Automatic Scrams While Critical



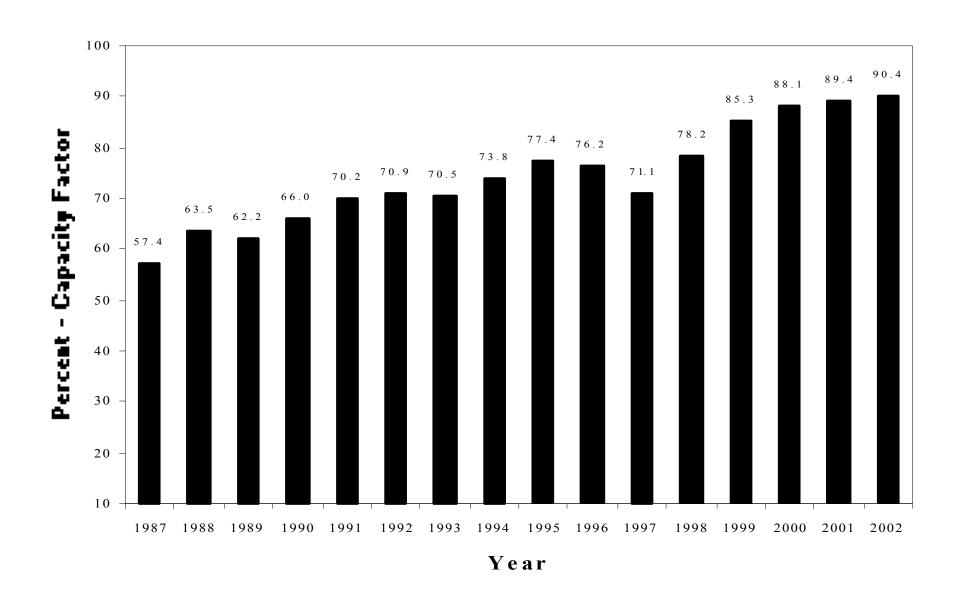
Precursor Occurrence Rate



Nuclear Power Generation



Average Capacity Factor



Results Summary

 Combined effort of licensees and NRC to improve safety must continue to ensure no adverse trends occur.

 External stakeholders have had valuable input to our processes – contributing to improved performance as a regulator

What's Next...

New Strategic Plan

New Goals and Measures

 Continued focus on safety and security as our primary goal.